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A LIMITED LIABILITY PART JUN 19 2000

TECH CENTER 1600/2900 Art Unit: 1613 NTER 1600/2900

Examiner: Y. Kim

June 16, 2000

Assistant Commissioner for Pate Washington, DC 20231

Re:

U.S. Utility Application No. 09/233,218

Filed:

January 20, 1999

For:

Nucleic Acid Molecules and Other Molecules

Associated with the Tetrapyrrole Pathway

Inventors:

Claire A. CAJACOB et al.

Atty. Docket: 04983.0025.00US01/38-21(15090)B

Sir:

Transmitted herewith for appropriate action by the U.S. Patent and Trademark Office (PTO) are the following documents:

- Response to Restriction Requirement;
- 2. Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
- Copy of Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
- Substitute computer-readable (diskette) copy of Sequence Listing;
- Substitute paper copy of Sequence Listing (234 pages);
- Statement Regarding Sequence Submission; and
- 7. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Sincerely,

David R. Marsh (Reg. No. 41,408)

June E. Cohan (Reg. No. 43,741)

Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Claire A. CAJACOB et al.

Appln. No.: 09/233,218

Filed:

January 20, 1999

For:

Nucleic Acid Molecules and Other

Molecules Associated with the

Tetrapyrrole Pathway

Art Unit:

1631

Examiner:

Y. Kim

Atty. Docket: 04983.0025.00US01/

38-21(15090)B

Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures

BOX SEQUENCE Assistant Commissioner for Patents Washington, DC 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed on May 18, 2000, Applicants hereby request entry of the accompanying substitute Sequence Listing in the above-mentioned application.

Also enclosed is a computer-readable substitute Sequence Listing, a paper copy of the substitute Sequence Listing, and a statement that the sequences contained therein are the same and contain no new matter.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)

June E. Cohan (Reg. No. 43,741)

Date: June 16, 2000

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